

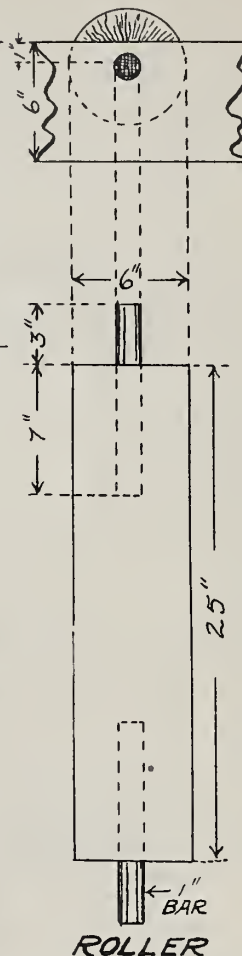
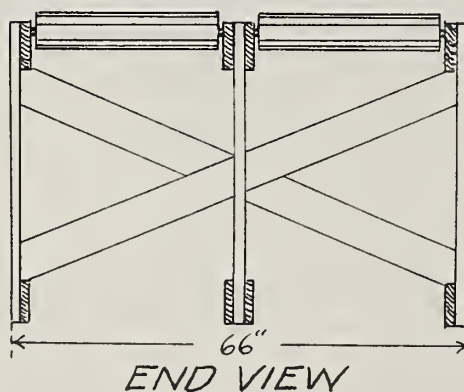
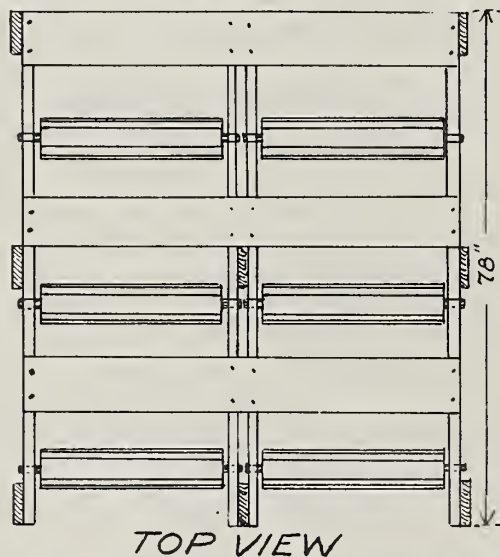
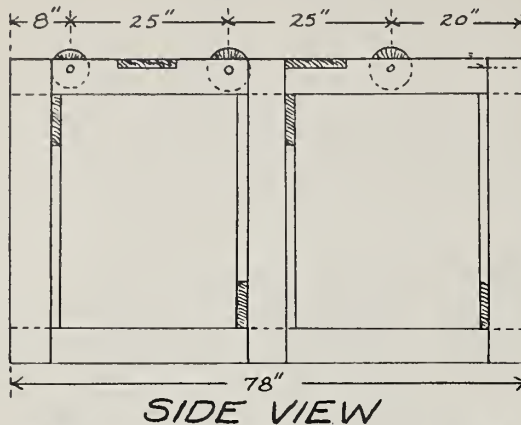
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

☆ JUL 17 1937 ☆
U. S. Depart. of Justice

(Over)

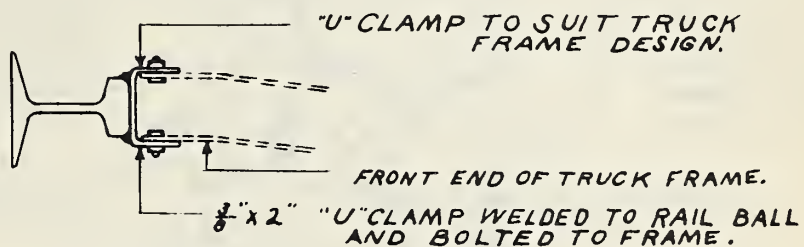
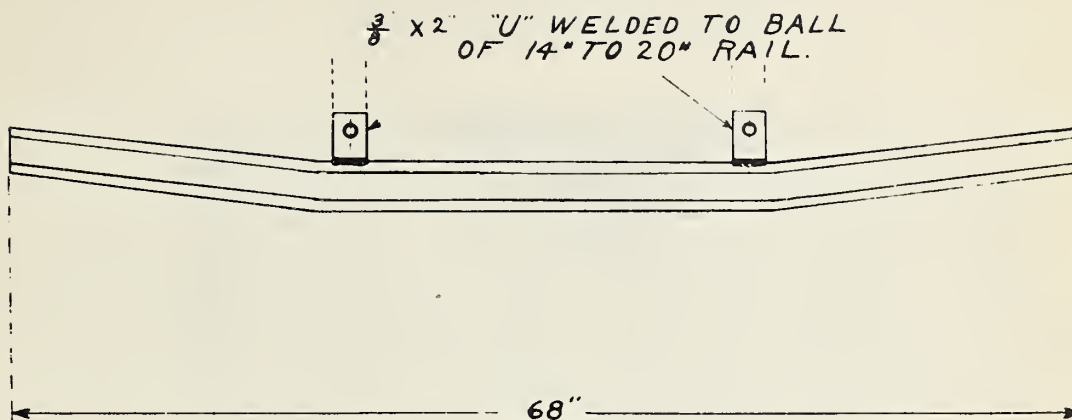
PORTABLE FIRE TOOL BOX RACK (FOR 2 BOXES)



Bill of Material

126 Bd. Ft. 2" x 6"
33 Bd. Ft. 1" x 10"
12 Iron Pins 1" x 10"
6 Rollers 6" x 25"
from native spruce or
Pine pole wood
5 lb. 16d. nails

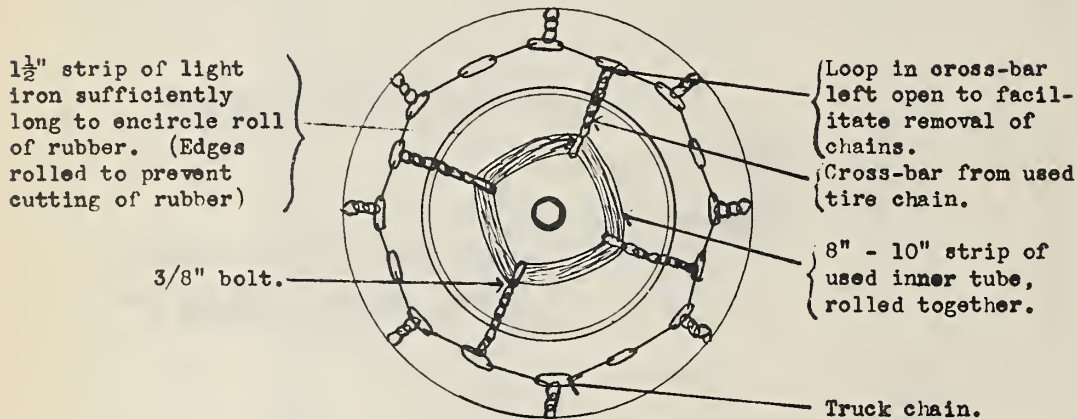
U.S. Dept. of Agriculture
Forest Service Region 9
PORTABLE
FIRE TOOL BOX RACK
Chequamegon National Forest
Designed & Drawn by: ~
W.E. Chase Supt.
Camp Perkinstown 3/10/37



U. S. FOREST SERVICE REGION 6
 MECHANICAL IMPROVEMENTS & REPAIRS
 14" TO 20" RAIL BUMPER
 FOR TRUCKS
 SUBMITTED BY R. F. COOKE
 FOREST MT BAKER DATE 4-5-37
 PORTLAND ORE. SKETCH 018

TENSION ON TRUCK CHAINS

T. M. Holt
Superintendent, F-22
R-9



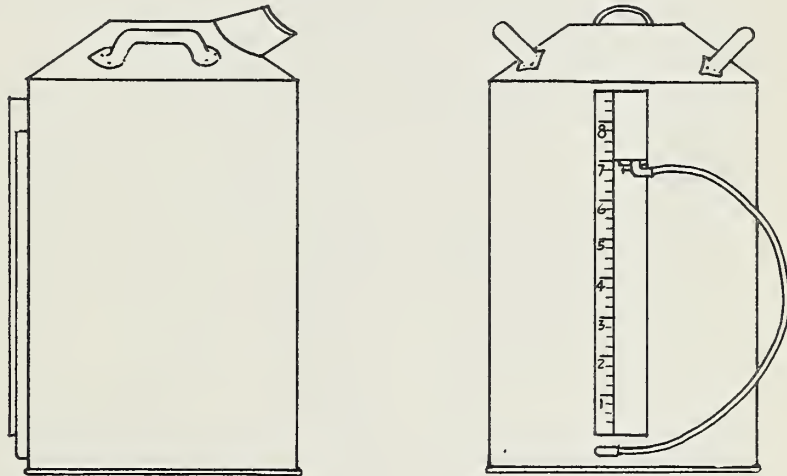
The above method has been found effective in reducing excessive wear of truck chains. Additional tension can be applied by shortening the length of the cross-bar attached to strip of inner tube.

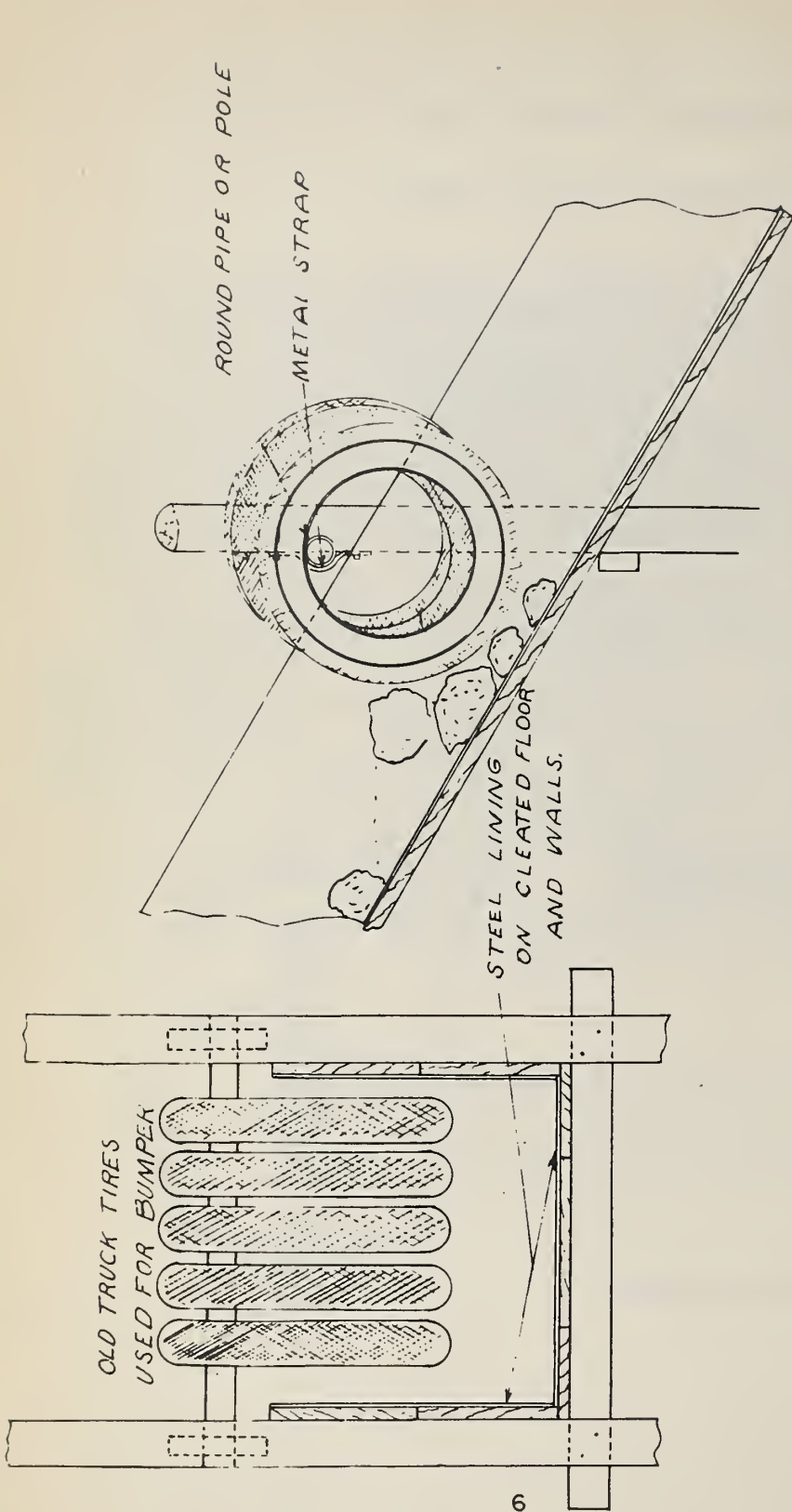
(From "Soil Conservation", February, 1937)

KEEPS WATER-CEMENT RATIO UNIFORM

The E.C.W. camp at Galva, Illinois, has constructed a water measuring can, used in concrete work, which makes it possible for the water-cement ratio of the mixture to be kept uniform. This measuring can, a sketch of which is shown, consists of a 10-gallon milk can with the top cut off just above the handles and a pouring spout soldered on. On the opposite side, a hole is drilled near the bottom of the can and a small elbow soldered in as shown. A scale showing the contents of the can in gallons and quarts is soldered to the can just above this elbow. Another elbow is attached to the scale in such a manner that it can be moved up and down. A pointer is soldered to this elbow flush with the top so that it points to the figures or scale. Then the two elbows are connected with a rubber tubing.

After the correct quantity of water to be added to any mixture has been determined, the pointer is set to the desired quantity and the can filled until the water runs out of the upper elbow, for each batch.





U. S. FOREST SERVICE, REGION 6

MECHANICAL IMPROVEMENTS & REPAIRS

**BUMPER FOR ROCK CHUTE TO
PREVENT ROCKS FLYING OUT**

SUBMITTED BY **R. H. MERCER**

FOREST WILLAMETTE DATES **5-10-37**

PORTLAND ORE. SKETCH 023